

D7341T

5G WiFi Access Point



Description

This device is a high-performance, high-speed indoor 11ac dual-band ceiling-mounted AP. It provides both 2.4 GHz and 5 GHz wireless services, delivering a cleaner wireless environment and more stable wireless access.

Features

- Simultaneous operation on 2.4 GHz (300 Mbps) and 5 GHz (867 Mbps) bands, delivering higher wireless throughput.
- Supports a hardware watchdog function, enabling automatic recovery from abnormal device status for maintenance-free operation.
- The heat sink features a clip-on structure design with a special surface coating, providing improved heat dissipation.
- Support PoE 48V or DC12V power supply mode.

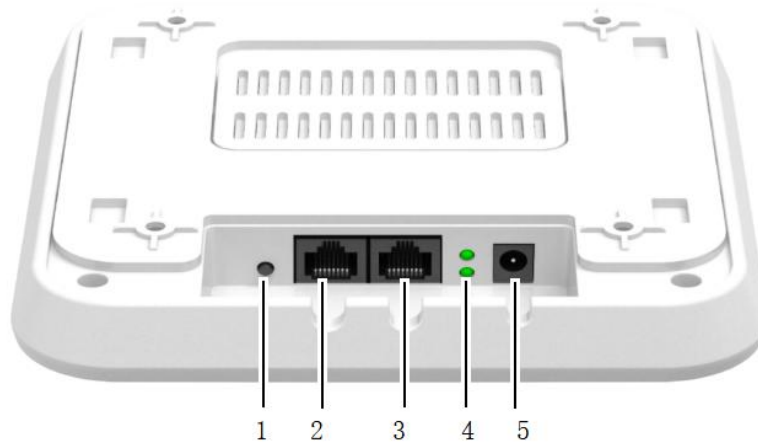
Specifications

Model	D7341T
Hardware Specifications	
CPU	MT7621DAT+MT7615D

Flash	SPI NOR 16MB				
Memory:	Built-in 128MB				
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz				
2.4GHz WiFi Protocol	802.11 b / g / n				
5GHz Frequency Band	5.150GHz ~ 5.850GHz				
5GHz WiFi Protocol	802.11 a / n / ac				
Built-in Antenna (2.4GHz)	2 × Antennas, Gain: 4.6 dBi				
Built-in Antenna (5GHz)	2 × Antennas, Gain: 4 dBi				
Maximum Data Rate	Up to 300 Mbps (2.4GHz); Up to 867 Mbps (5GHz)				
Maximum Wireless Users	100 Users				
2.4GHz Wireless Transmit Power	802.11b	11M	18± 2dBm	1M	20± 2dBm
	802.11g	54M	17± 2dBm	6M	19± 2dBm
	802.11n HT20	MCS7	16± 2dBm	MCS0	18± 2dBm
	802.11n HT40	MCS7	15± 2dBm	MCS0	17± 2dBm
	802.11a	54M	20± 2 dBm	6M	22± 2 dBm
5GHz Wireless Transmit Power	802.11n HT20	MCS7	19± 2 dBm	MCS0	21± 2 dBm
	802.11n HT40	MCS7	18± 2 dBm	MCS0	20± 2 dBm
	802.11ac VHT80	MCS9	17± 2 dBm	MCS0	19± 2 dBm
2.4GHz Receiver Sensitivity	802.11b	11M	-85dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11a	54M	-72dBm	6M	-90dBm
5GHz Receiver Sensitivity	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac VHT80	MCS9	-58dBm	MCS0	-85dBm
2.4G EVM	802.11b ≤-10 dB ; 802.11g: ≤-25 dB; 802.11n: ≤-28 dB				
5G EVM	802.11a ≤-25 dB ; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB				
Frequency Offset (ppm)	±20ppm				
Interface (WAN)	1 × 10/100/1000 Mbps WAN port with Auto- Negotiation, supporting 48 V PoE input				
Interface (LAN)	1 × 10/100/1000 Mbps LAN port with Auto- Negotiation				
External Button	Reset button (press and hold for 6–10 seconds to restore factory default configuration)				
Status Indicator Light	WAN, LAN port indicator, tri-color indicator (three colors indicate: SYS – Red, 2.4G – Green, 5.8G – Blue)				
Power Supply	DC2.0 12V ⚡ 1A, PoE 802.3af				
Max. Power Consumption	<10.5W				
Product Dimension	168mm×168mm×32mm				
Weight	0.36kg (Net weight); 0.661kg (Gross weight)				

Working Environment	Operating temperature: -10°C to 55°C; Storage temperature: -40°C to 70°C; Humidity: 5%–95% (non-condensing)
ESD	Air discharge ±8K, Contact discharge ±4K
Surge	Common mode 2K, Differential mode 1K

Front / Rear Panel



1. Reset Button
2. WAN/PoE Port
3. LAN Port
4. Status Indicators: Upper: LAN Indicator, Lower: WAN/PoE Indicator
5. DC Power Port